

Certificate of Analysis



Product Identification

10266500 Anisol

CA Benzene, methoxy-

IUPAC

Formula C₇H₈O

Mol.Weight 108.14

CAS No. 100-66-3

Expiry Date 16.08.2021

Lot Number 173052

Store at 20 °C ±4 °C

Please note: The expiry date is valid under recommended storage conditions only.

Toxicological Data



R Code

S Code

LD50 (Rats female/male in mg/kg)

Physical Data

Phase liquid

Color colourless

Melt.Range

Boiling Range (lit.)

Analytical Data

Detection: UHPLC/DAD

Column: LUNA Omega C18 1.6 µm 100 x 2.1 mm

Inj.-Vol.: 2.00 µl

Flow: 0.5 ml/min

Ret.-Time: 5.08 min.

Method Details:

Eluent A: WA

Eluent B: Acetonitrile

Time/min	A	B
0	90%	10%
0.3	90%	10%
8	0%	100%
9.5	0%	100%
10	90%	10%

Identity: UV, RT, MS, EA, NMR

Comment Purity was determined by elemental analysis.

Water Content 0.0 % Determined by Karl-Fischer Titration

Det. Purity 99.8 % Tolerance/Uncertainty +/- 1.0 %

The uncertainty/tolerance of this standard is calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U which is $Uc(y) \cdot K$, where K is the coverage factor at the 95% confidence level ($K=2$). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.

Certified on 16.08.2018

by N. Müller

The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

LGC Labor GmbH · Bgm.-Schlosser-Str. 6 A · 86199 Augsburg · Germany
Phone +49 821 906080 · Fax +49 821 9060888 · augsburg.inquiry@lgcgroup.com
The warranty for this product is limited to the purchasing price of this product.

Data file:

10266500-09-r001.dx

Sample name:

80612AL 173052

Inj. volume [µl]:

2.0

Acq. method:

Gradient_10-100.amx

Instrument:

UHPLC 2

Sequence Name:

12062018-1

Injection date:

6/12/2018 3:50:05 PM

Location:

P1-C1

Sample Description

Anisol

DAD1A,Sig=205.0,2.0 Ref=off

The chromatogram displays a single, prominent, sharp peak at a retention time of 5.08 minutes. The baseline is stable and near zero throughout the rest of the run. The y-axis represents mAU (milliabsorbance units) from 0 to 420, and the x-axis represents time in minutes from 0 to 9.5.

Signal: DAD1A,Sig=205.0,2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	5.08	1099.25429	390.41	100.00
	Sum	1099.25		

[Handwritten signature]

Page 1